

Newin, Duke D

From: Bryan, James <james.bryan@kimley-horn.com>
Sent: Friday, May 17, 2024 8:12 AM
To: Newin, Duke D; Lemoine, Matt
Subject: RE: WC-1043

10-4, I'll work with the contractor to get this in the hopper and finalize the amendment/CO pricing. Will share that for review as soon as I have it.

Regards,
James

From: Newin, Duke D <duke.newin@okc.gov>
Sent: Friday, May 17, 2024 8:11 AM
To: Lemoine, Matt <matt.lemoine@okc.gov>; Bryan, James <james.bryan@kimley-horn.com>
Subject: Re: WC-1043

James,

The blue option with an additional valve for future extension makes sense. Future replacement is foreseeable due to the pipe condition.

Please proceed.

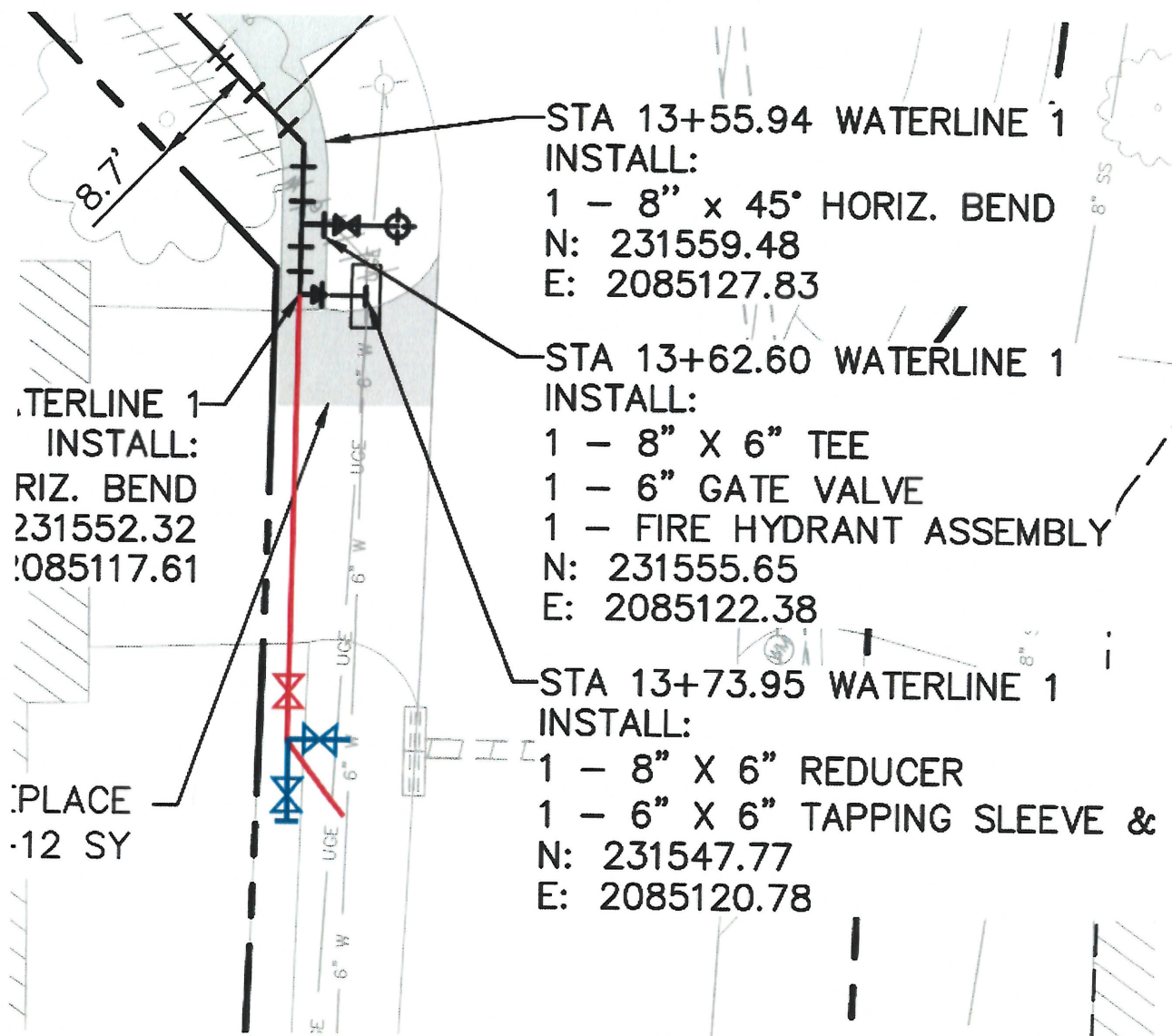
Thanks,
Duke

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From: Bryan, James <james.bryan@kimley-horn.com>
Sent: Friday, May 17, 2024 7:53:21 AM
To: Newin, Duke D <duke.newin@okc.gov>; Lemoine, Matt <matt.lemoine@okc.gov>
Subject: RE: WC-1043

Duke/Matt,

The contractor does not recommend doing another tap on the existing line due to its condition. There was another break on the existing line yesterday a little further south of the driveway. The existing line seems to be pretty brittle at this point, so tapping it is not advised. They also don't recommend reusing the tapping sleeve, as the gasket can be compromised and they aren't rated for multiple installations. The valve could be re-used though. Below is a quick markup of a couple options for this connection. The first one (red option) is the simplest and cheapest, but would require a shutdown in the future to extend (essentially no different than the original design). The second one (blue option) is more robust and would allow for future extension without a shutdown, but requires an extra valve. Either option will work and the contractor is fine installing either one.



In either case, there will need to be another shutdown of the existing line to do the cut and plug on it. It would be best to do this installation during that shutdown so that a future shutdown is not necessary. Is there an option you are leaning more towards, or another option you see? I am working to wrap this up in conjunction with bores amendment/CO so we can close the loop on all items together. I am waiting on updated pricing from the contractor for the for all the changes. The contractor is waiting on Bac-T results right now, so it would be good to decide on this soon so the contractor can implement once the tests pass. Let me know if there's any additional information I can provide.

Regards,
James

From: Bryan, James
Sent: Wednesday, May 15, 2024 2:02 PM
To: Duke Newin <duke.newin@okc.gov>; Lemoine, Matt <matt.lemoine@okc.gov>
Subject: RE: WC-1043

Duke/Matt,

From my perspective, the contractor's proposal looks to be what we would recommend as well. The wrap will be a temporary fix, so to avoid issues under that driveway in the future, it may be best to go ahead and extend replacement

beyond the driveway. Quantities for pipe, fittings, and driveway replacement would need to be amended, but I don't think there would be any new pay items. Let me know how you would like to proceed.

It seems like the existing line is in pretty bad shape throughout. Even with the fix above, there may be issues with the existing line further south of the tie-in pint. Do you know if additional portions of the existing main in this neighborhood are programmed for future replacement? If not, it may be worth prioritizing this area. Granted, I am sure there are other high priority areas within the system, but this area does seem to have a high number of breaks, even in the short time we've been in construction. Food for thought. Let me know how else I can be of help on this.

Regards,
James

From: Jackson Matthews <jackson@swwaterworks.com>

Sent: Wednesday, May 15, 2024 1:51 PM

To: Bryan, James <james.bryan@kimley-horn.com>; Lemoine, Matt <matt.lemoine@okc.gov>; Newin, Duke D <duke.newin@okc.gov>; Shane Smith <shane@swwaterworks.com>; Johnny Walkup <jwalkup@benchmarkokc.com>

Subject: WC-1043

Good afternoon,

See below for a picture from today regarding the leak at 4800 NW 161st as well as marked up drawings with our proposal on what to do moving forward.

Quick narrative on the events that took place- Water began coming up from the driveway at 4800 NW 161st in close proximity to our tap. Line maintenance shut the existing main down and we were given instructions to see what was going on and address the issue. After remobilizing to the site (as we had to pull off while waiting on Bac-T samples), we found that the old main blew out just south of where we made our tap. We have installed a wrap around on the leak and the main is back in service.

I marked up the plans with our teams proposal on what we are thinking needs to take place to provide the city and customers with the best product possible. We do not want to leave that wrap around under this driveway and this proposal would eliminate that. Please advise.

MATCH LINE STA 12+50

STA 12+97
SLS

NW 161ST ST

PROP. 8" WATERLINE

STA 12+64
SSS

13+00

STA 12+71
SSS

STA 13+26.52 WATERLINE 1
INSTALL:
1 - 8" x 45° HORIZ. BEND
N: 231588.55
E: 2085132.35

EX. 6" WATERLINE
TO BE ABANDONED

STA 13+68.42 WATERLINE 1
INSTALL:
1 - 8" x 90° HORIZ. BEND
N: 231552.32
E: 2085117.61

Remove 90° tapping
sleeve and valve.

4800 NW 161ST ST

REMOVE AND REPLACE
DRIVEWAY (CONCRETE) -12 SY

8" WATERLINE

2- 8" x 45 Bends
8" Gate Valve
8" x 6" Reducer
6" Wet Connection

WATERLINE 1

RT. BEND

WATERLINE 1

RT. BEND

Thank you,

Jackson Matthews, COD
Southwest Water Works LLC
201 NW 132nd St. Oklahoma City, OK
(Office) 405-463-5665
(Cell) 405-550-1621



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Newin, Duke D

From: Bryan, James <james.bryan@kimley-horn.com>
Sent: Friday, May 31, 2024 7:28 AM
To: Newin, Duke D
Cc: Lemoine, Matt
Subject: RE: WC-1043 AM1/CO1 Revised

Duke,

As requested, here are the driveways that the contractor was unable to bore due to pre-existing conditions:

4800 NW 161st- Removed due to main break.

4900 NW 161st- Removed due to previous main break repair.

4904 NW 161st- Removed due to soil conditions being saturated and unboreable from actively leaking main.

4908 NW 161st- Removed due to previous main break repair.

16125 Bluff Circle- Removed due to previous main break repair.

16125 Ledge Lane- Removed due to previous main break repair.

Let me know if you have any questions or need any additional info. Should we communicate to the contractor that they can proceed with the tie-in connection at Rim Road?

Regards,
James

From: Newin, Duke D <duke.newin@okc.gov>
Sent: Tuesday, May 28, 2024 10:06 AM
To: Bryan, James <james.bryan@kimley-horn.com>
Cc: Lemoine, Matt <matt.lemoine@okc.gov>
Subject: RE: WC-1043 AM1/CO1 Revised

Thanks James! I will review the AMD/CO.

Please submit the request to be approved by the Director first as you did in the SE-0047 project.
I attach a blank request.

Thanks,
Duke
405/297-2975

From: Bryan, James <james.bryan@kimley-horn.com>
Sent: Friday, May 24, 2024 4:04 PM
To: Newin, Duke D <duke.newin@okc.gov>; Lemoine, Matt <matt.lemoine@okc.gov>
Subject: WC-1043 AM1/CO1 Revised

Duke and Matt,

Attached is the contractor's final version of the proposed Amendment 1/Change Order 1 for the changes we have been discussing, as well as some new items related to the recent main break and subsequent repair. This includes all changes to date, including the emergency repair and associated water line connection/extension. The contractor believes this will be it as far as changes the rest of the way, unless something unexpected comes up. I've also attached a marked up version of the document to reflect each individual item and cost so you can see the breakdown.

The amendment and change order totals and percent change are as follows:

- Amendment #1 - \$57,984.50 (3.7% increase)
- Change Order #1 - \$45,506.25 (2.9% increase)
- 26 additional calendar days are being requested as well

A note on the black concrete item – the contractor provided feedback that the second location/neighborhood does not appear to be a location where Public Works would typically require the black concrete (not a major arterial street or newer paving). Is this something that could be removed from the scope? That would result in a savings of \$7,426.20.

The emergency repairs and changes due to previous Line Maintenance repairs account for \$54,899.00 of the added cost. Will there be consideration given to covering that portion of the cost with LM dollars versus CIP?

I'll end here to keep this digestible via email. If you have any questions or want to discuss in more detail, don't hesitate to reach out. I hope you guys have a great Memorial Day weekend.

Regards,

James Bryan, P.E.

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